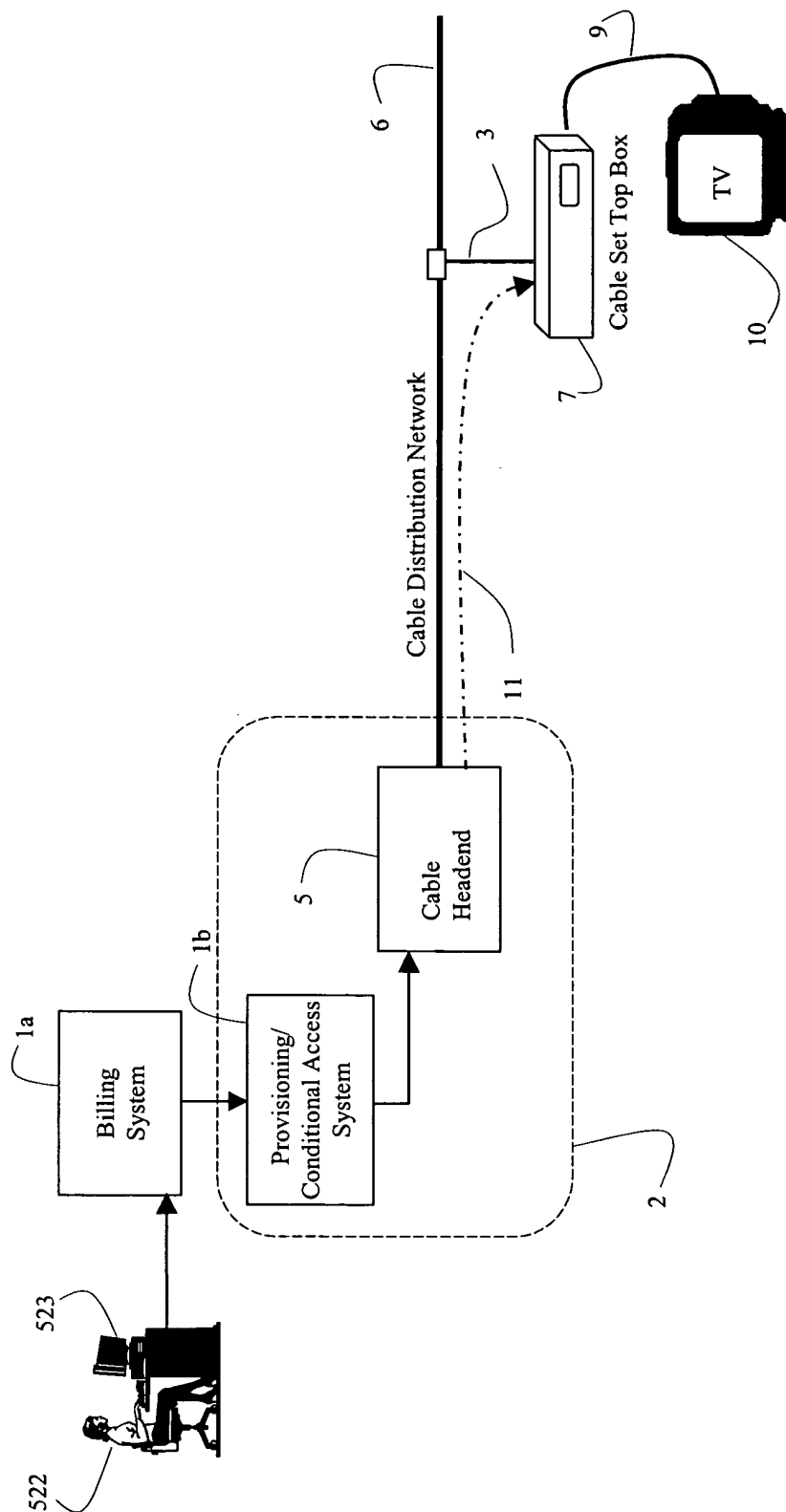


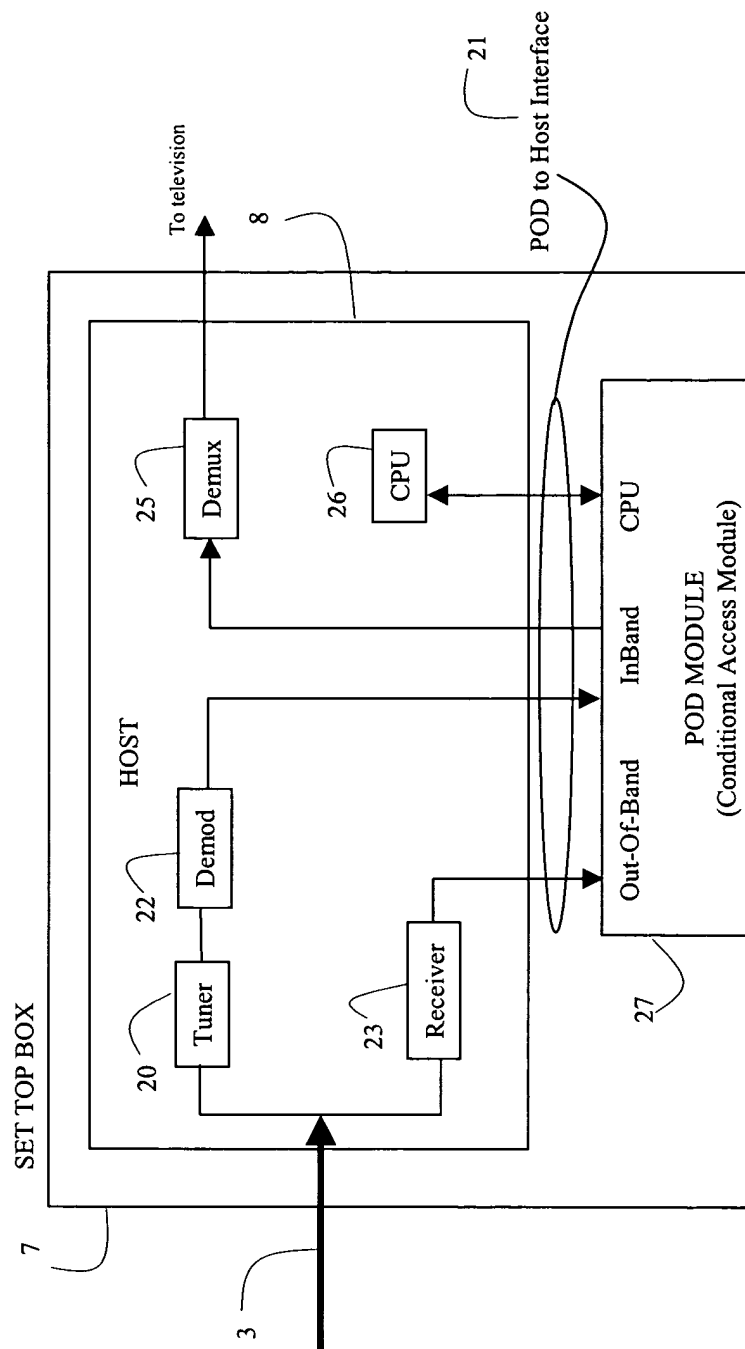
**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

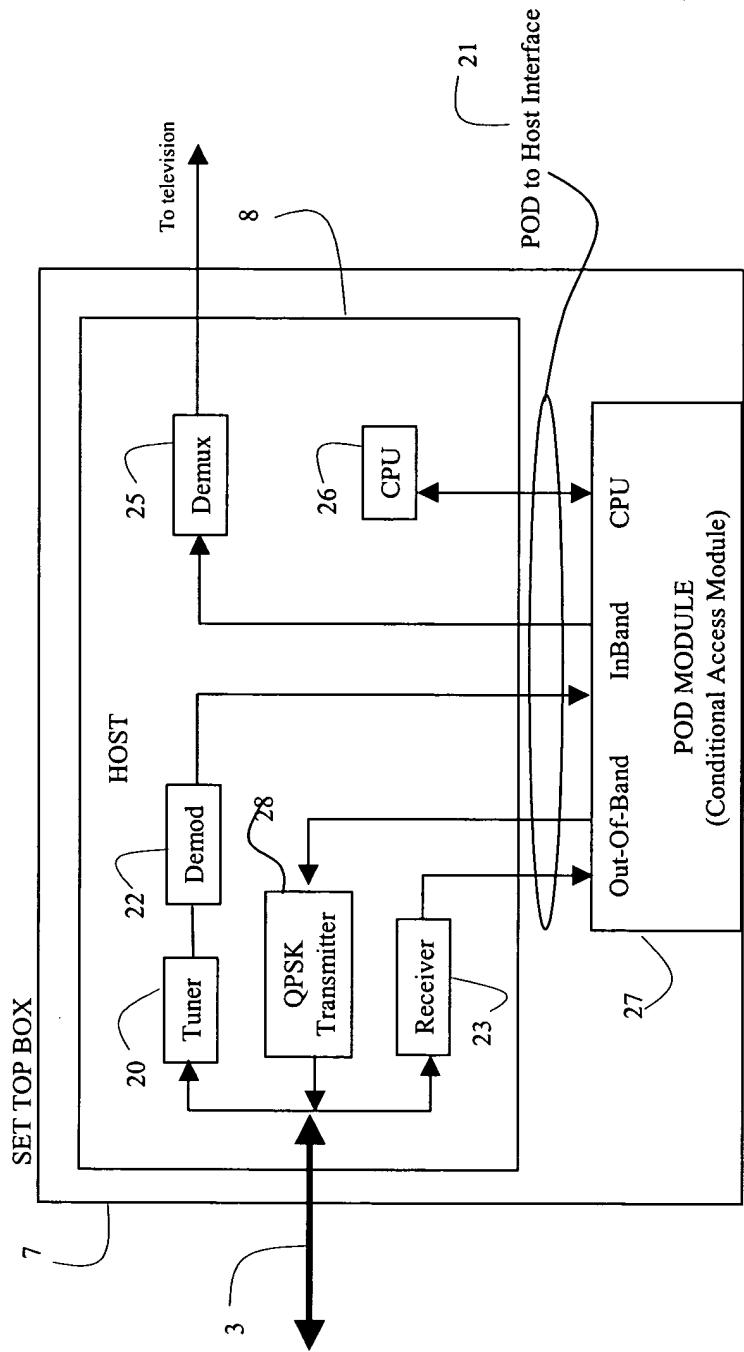
**Attorney Docket Number: 43314/270282**



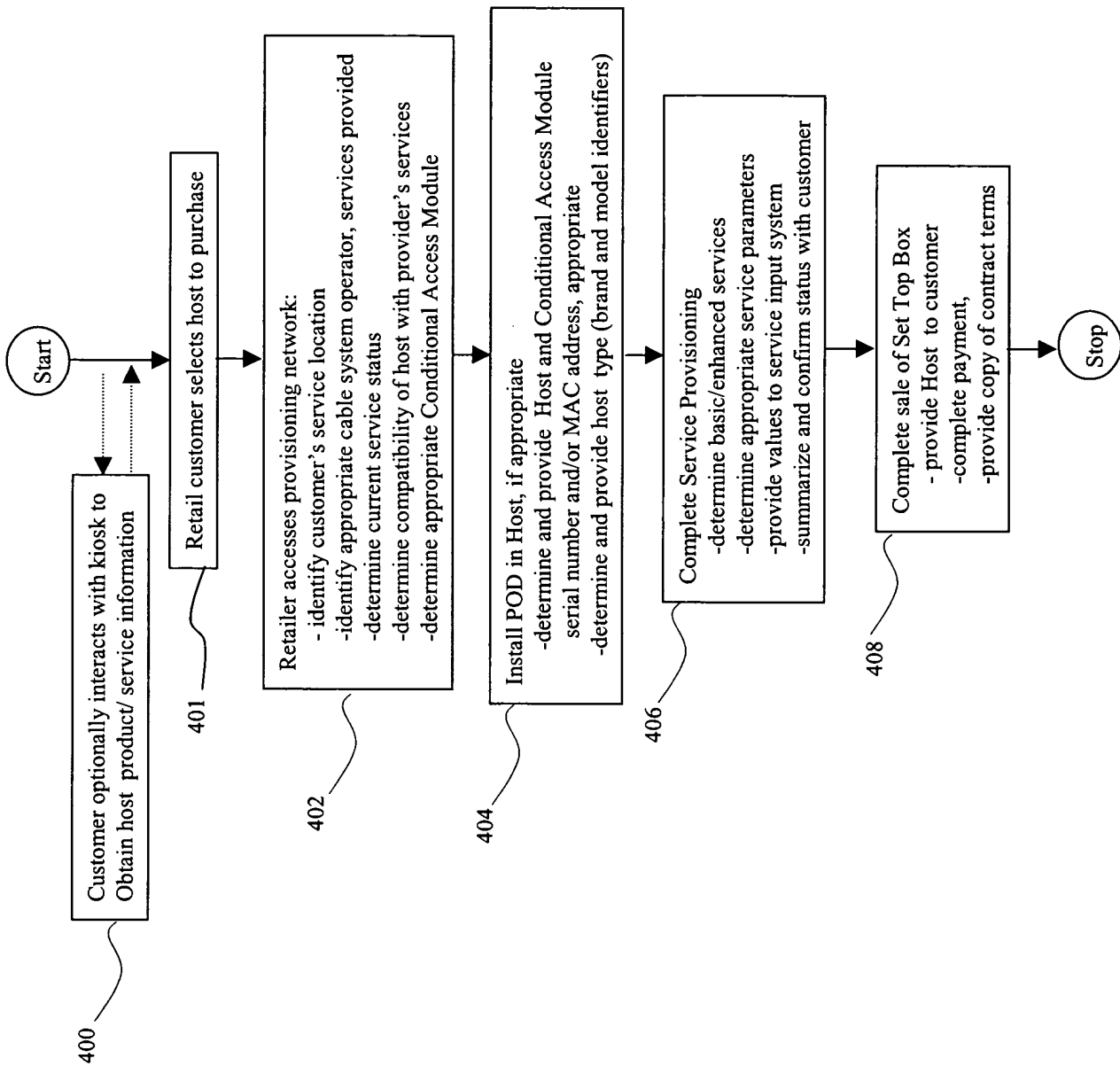
(prior art)  
Figure 1



(prior art)  
Figure 2



(prior art)  
Figure 3

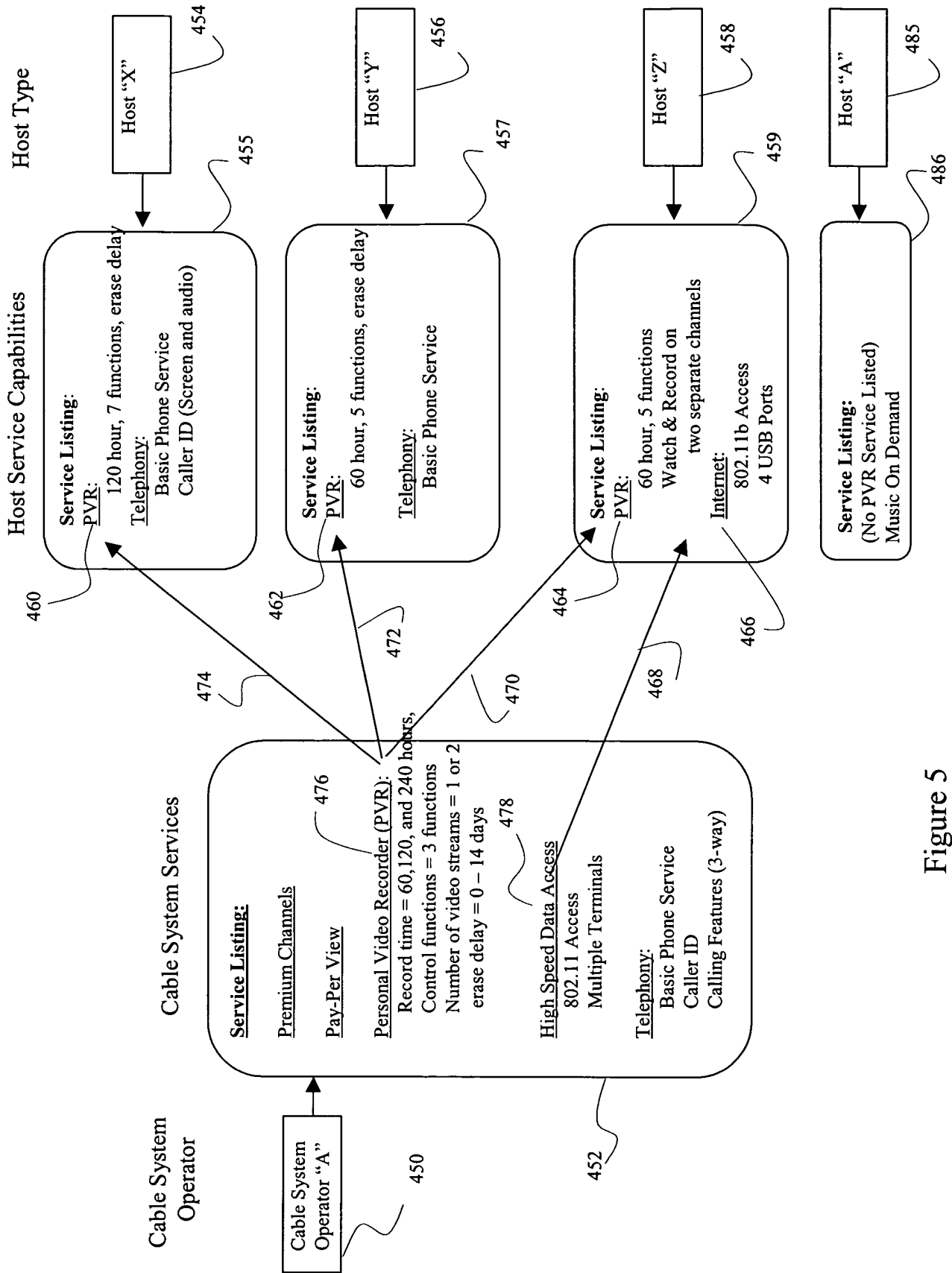


**Figure 4**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 5**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

**Electronics Retailer - Cable Service Provisioning System**

Input:  
Purchaser's Name: \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Home Telephone Number: \_\_\_\_\_

500

Existing Cable Subscriber: ☐ Yes ☐ No

502

Purchase Method: ☐ Cash ☐ Check ☐ Credit Card

503

**Figure 6a**

**Electronics Retailer - Cable Service Provisioning System**

Services Selected for: John Doe  
1234 Main St.  
Anywhere, USA 55555  
immediately available 404 555 1212

520

**SILVER PACKAGE**

Basic Cable	<input checked="" type="checkbox"/> 100 Channels	\$39.95
Premium channels	<input checked="" type="checkbox"/> 12	\$29.95
Pay-Per-View	<input checked="" type="checkbox"/> Yes	\$16.95
Deluxe PVR	<input checked="" type="checkbox"/> Yes	\$12.95
Music On Demand	<input checked="" type="checkbox"/> Yes	\$10.95
High Speed Internet	<input checked="" type="checkbox"/> Yes	\$39.95

522

524

**Figure 6c**

**Electronics Retailer - Cable Service Provisioning System**

Services Available for: John Doe  
1234 Main St.  
Anywhere, USA 55555  
404 555 1212

610

**WONDERVISION CABLE CO.**

Games

Basic Cable -- 100 Channels  
Premium channels --12  
Pay-Per-View  
Personal Video Recorder (60 and 240 hour version)  
Music On Demand  
High Speed Internet

512

**Figure 6b**

**Electronics Retailer - Cable Service Provisioning System**

Services Purchased by: John Doe  
1234 Main St.  
Anywhere, USA 55555  
404 555 1212

530

You have purchased the previously identified services.  
Your credit card will be charged \$150.70 for the first month's service.

532

A receipt and service listing will be printed out.  
Your Transaction Reference Number is : 12345

534

**Figure 6d**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

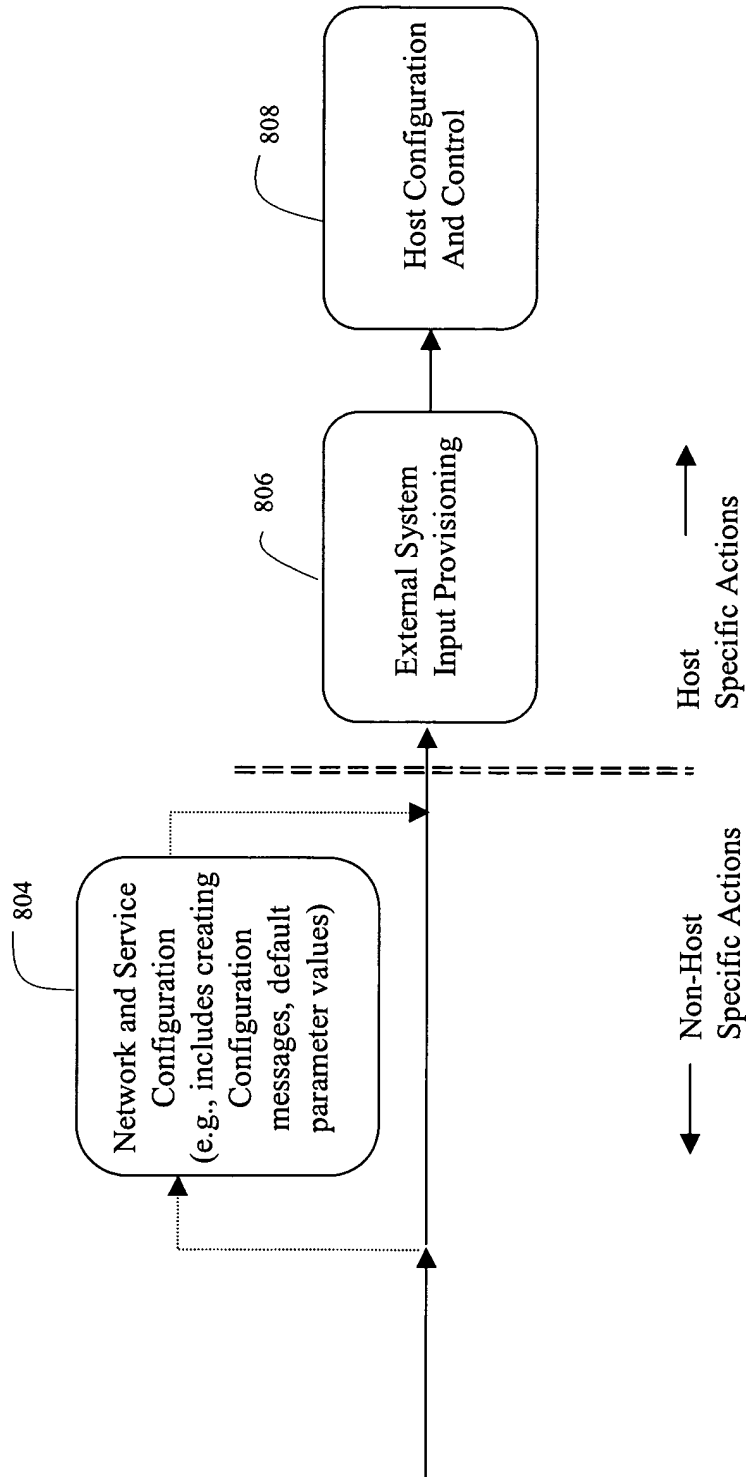


Figure 7

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

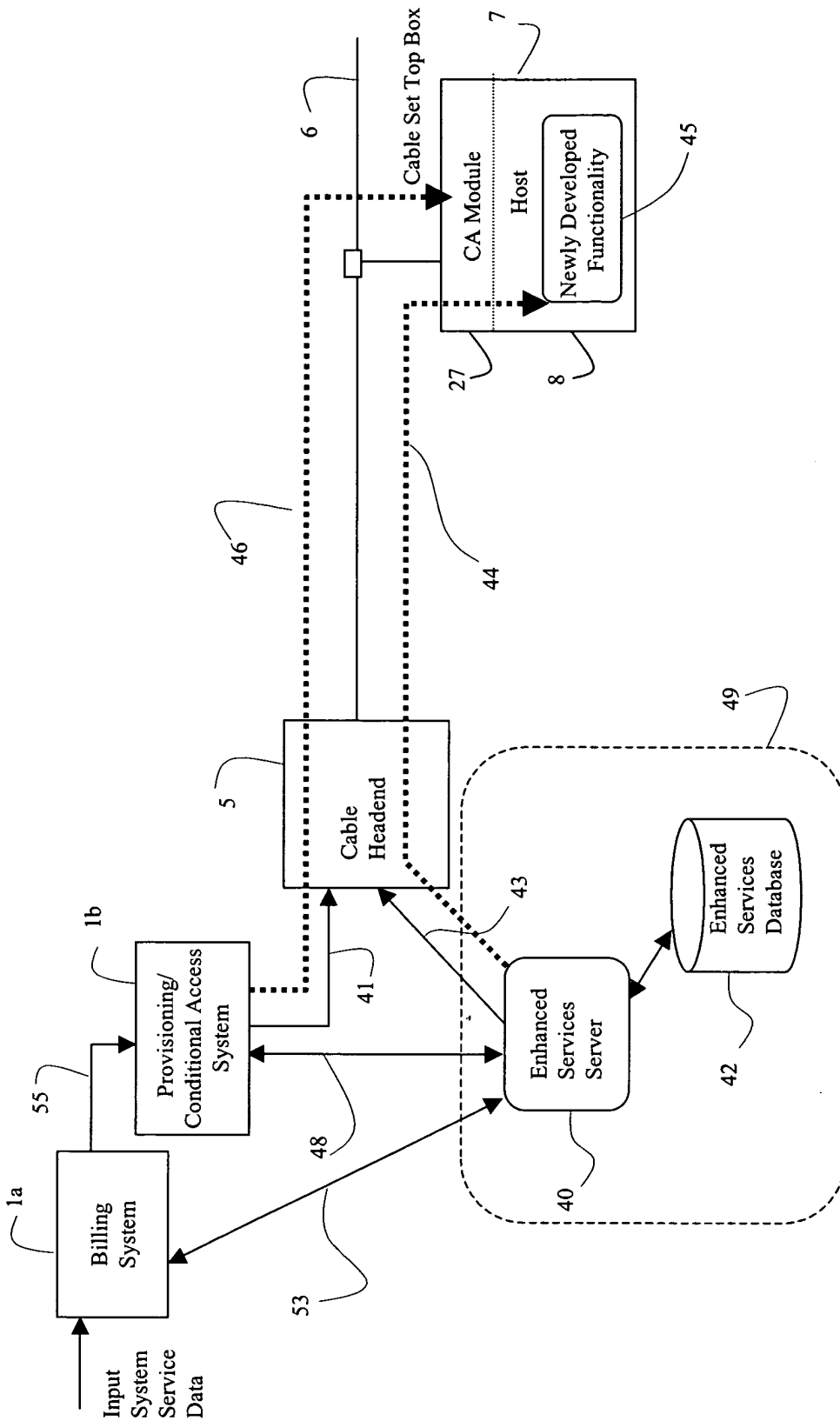


Figure 8



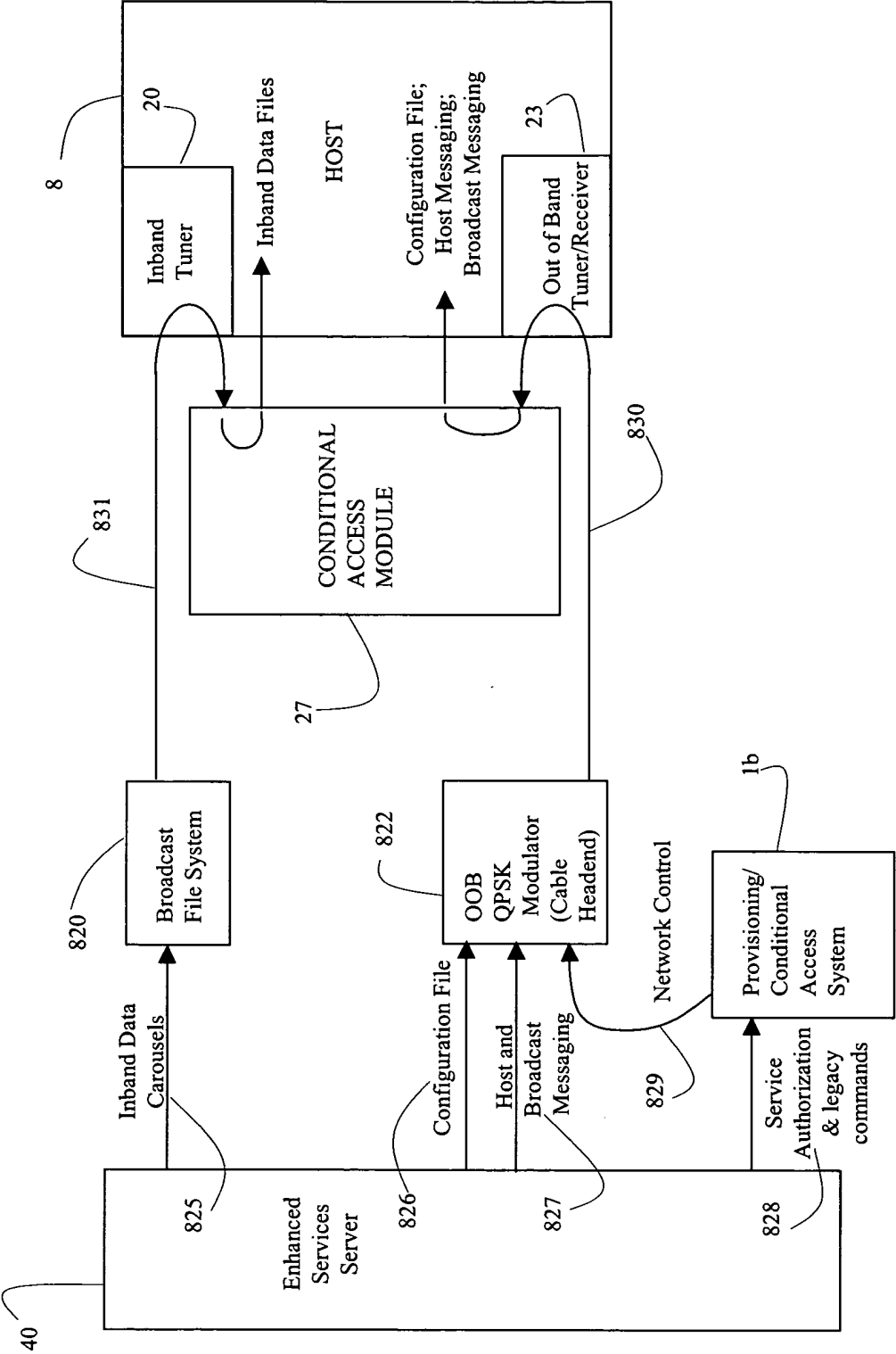


Figure 9a

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

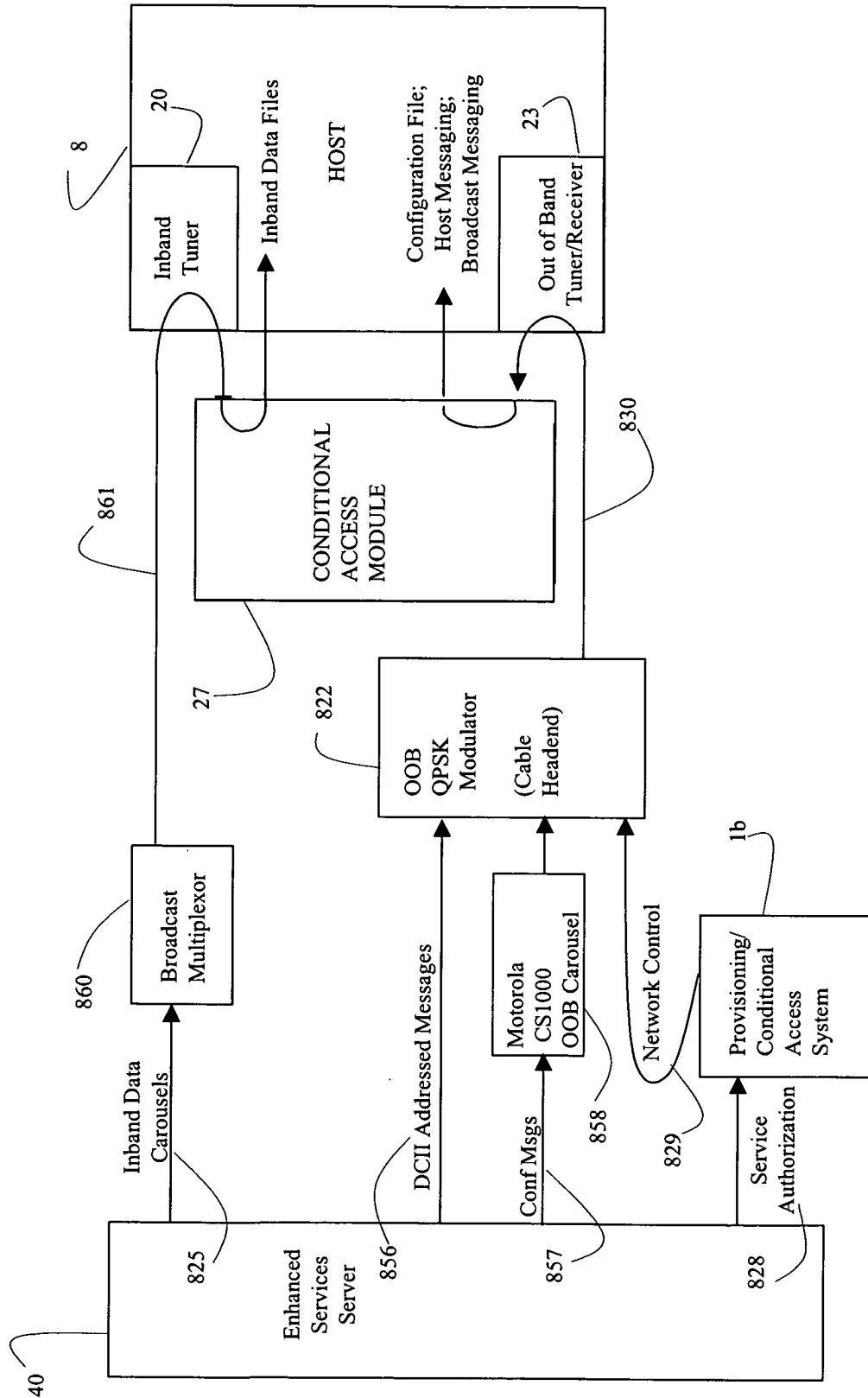
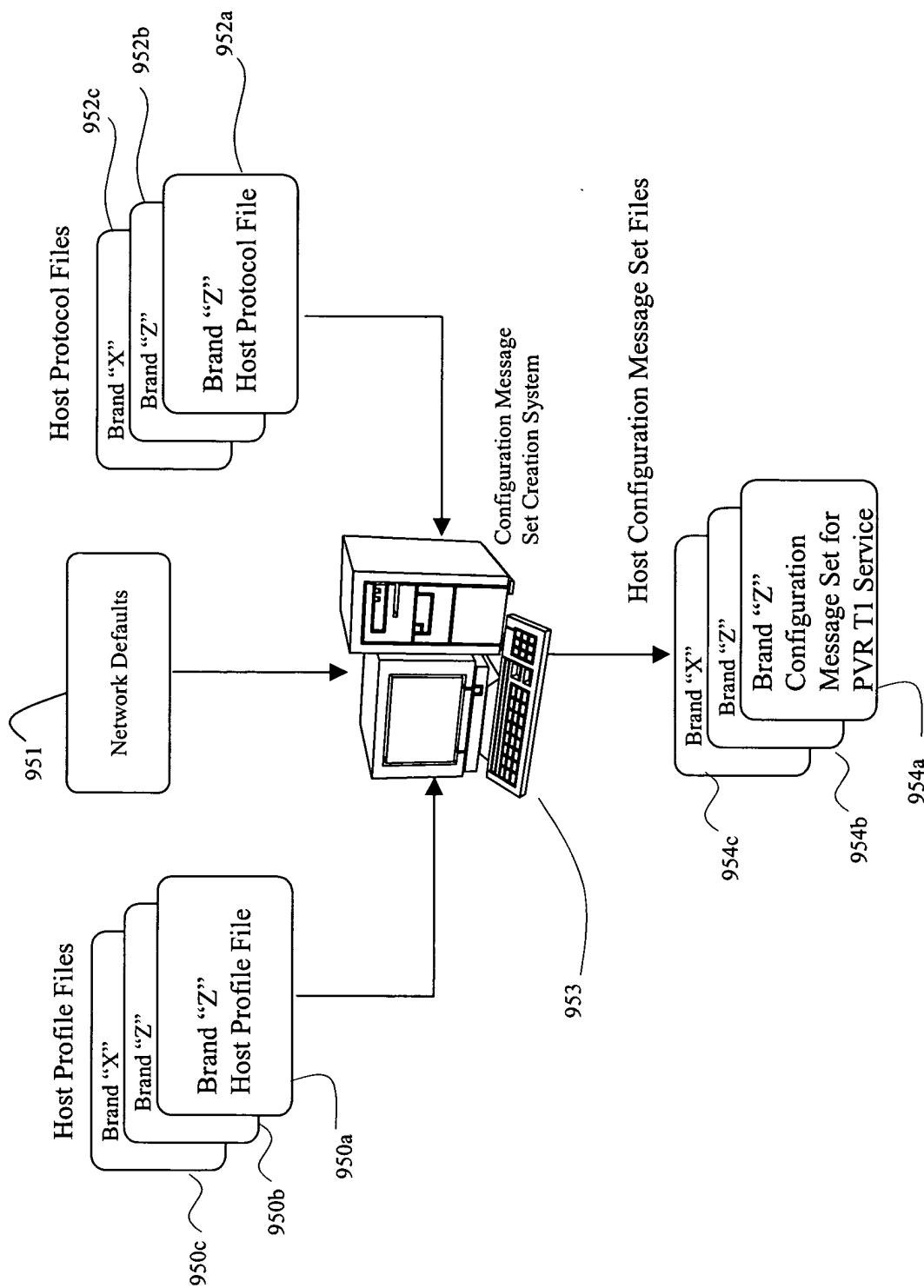


Figure 9b

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 10**

953

969

970

Personal Video Recording Tier 1  
Configuration Menu

971

HOST TYPE = Host "Z"

972 1. Select Record Time: ☐ 60 hour ☐ 120 hour ☐ 240 hour

973 2. Select Functions: ☐ Pause only ☐ Pause and FF

974 3. Auto-erase Delay: \_\_\_\_ Number of Hours

975 4. Partition Hard Drive: ☐ Yes ☐ No

975a a. Partition Size: \_\_\_\_ MB

975b b. Collect Usage Stats? ☐ Yes ☐ No

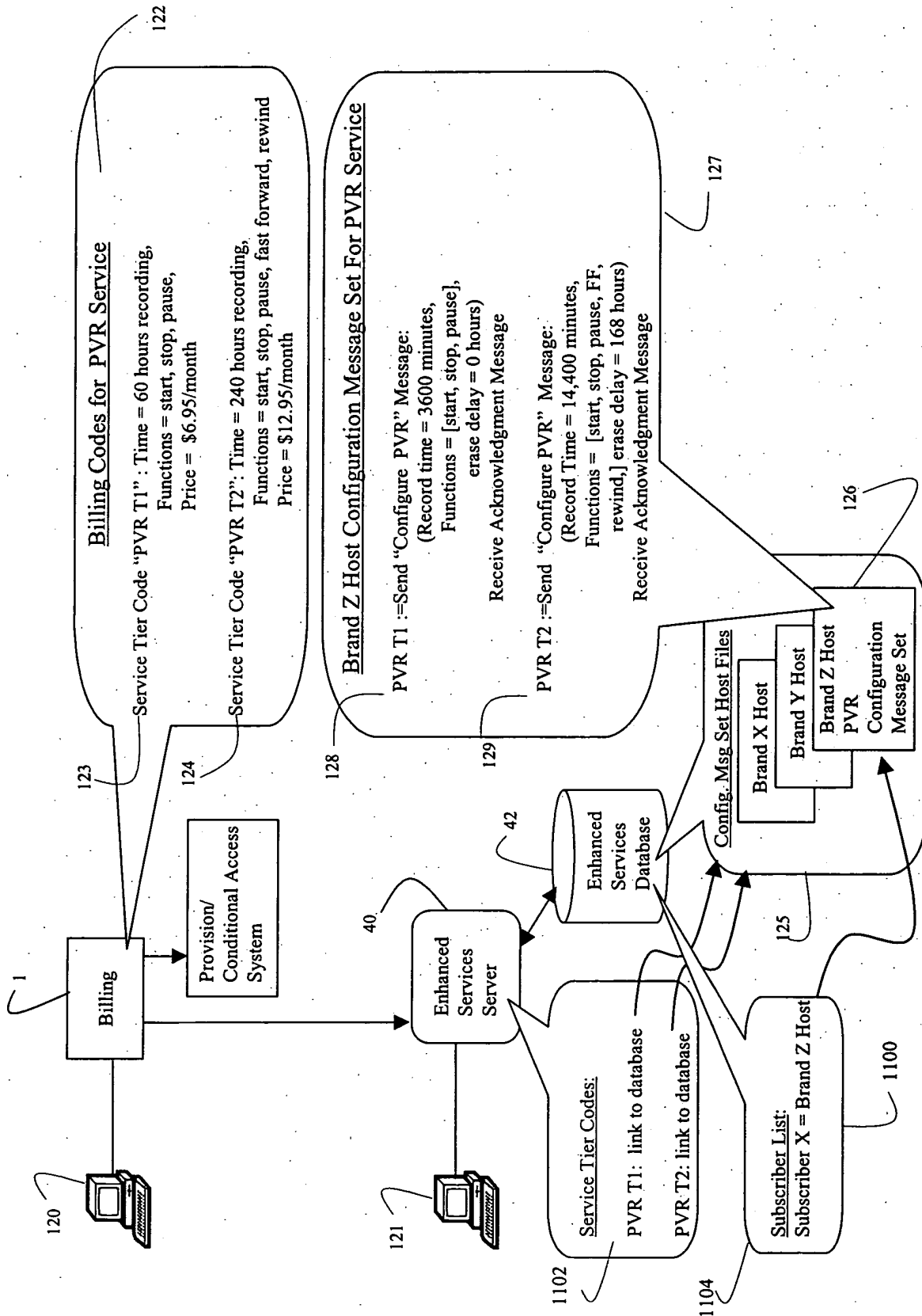
976 5. Enable Second Tuner ☐ Yes ☐ No  
for simultaneous watching  
and recording?

Figure 11

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

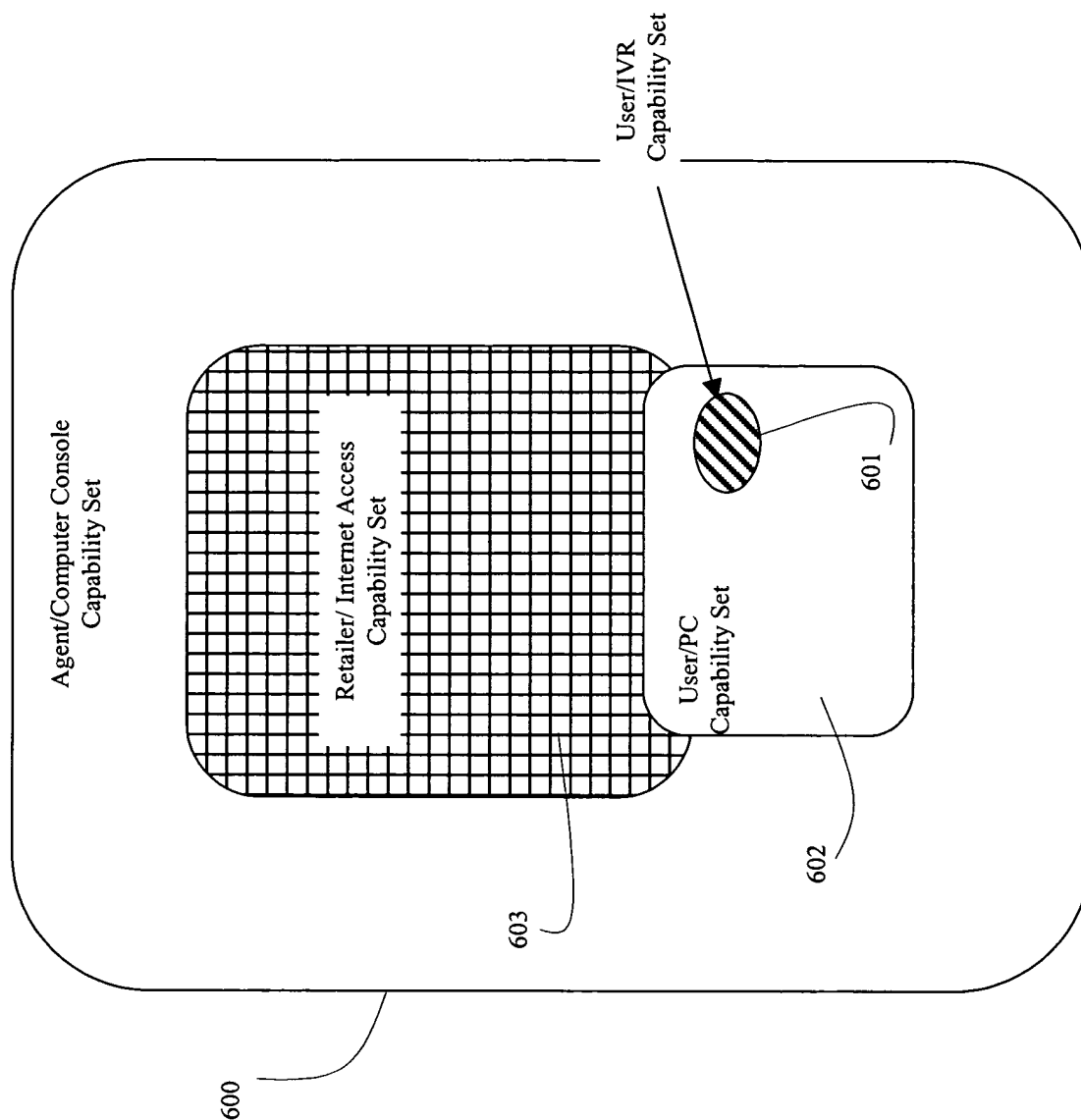


**Figure 12**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 13**

**Attorney Docket Number: 43314/270282**

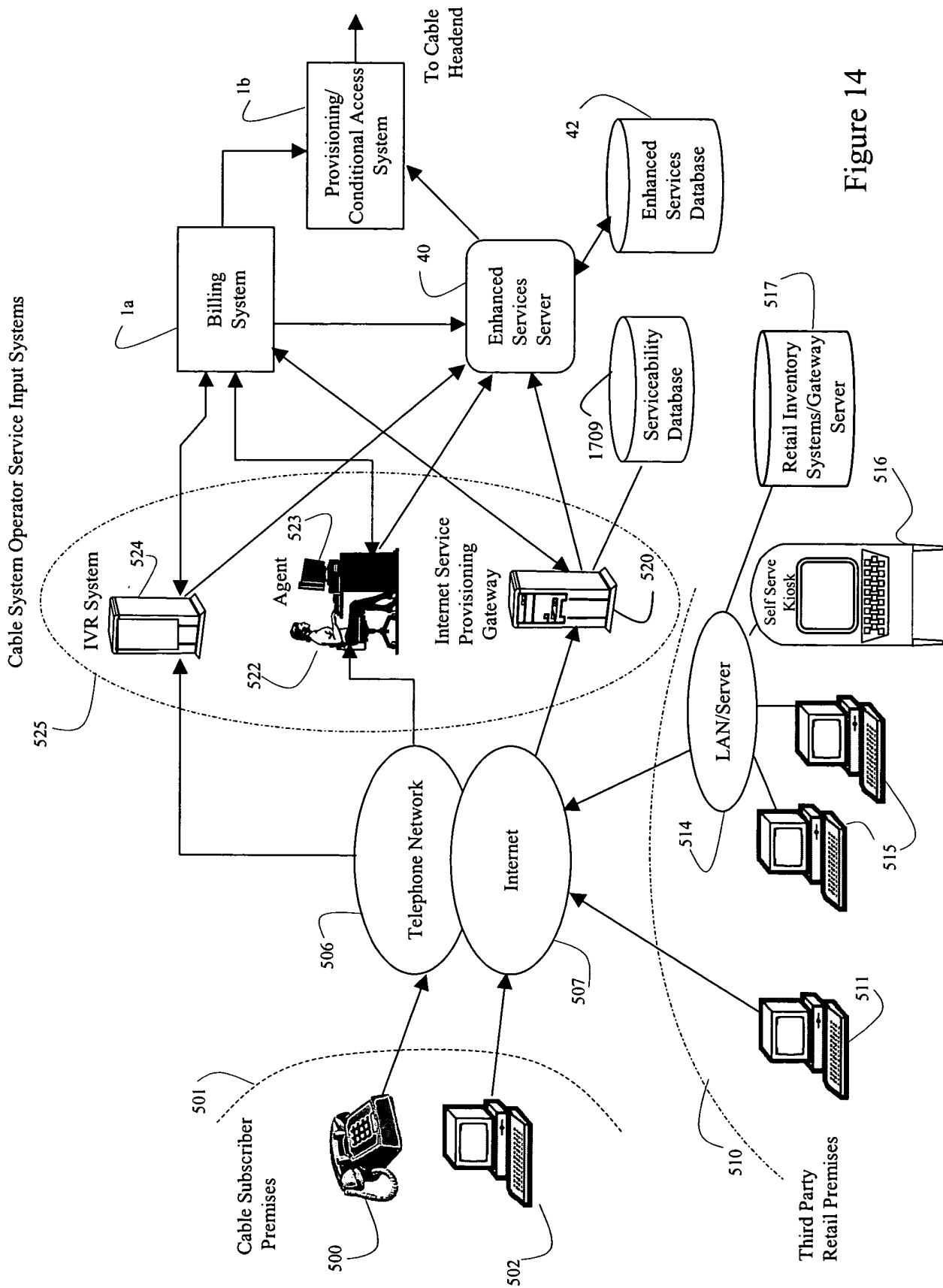
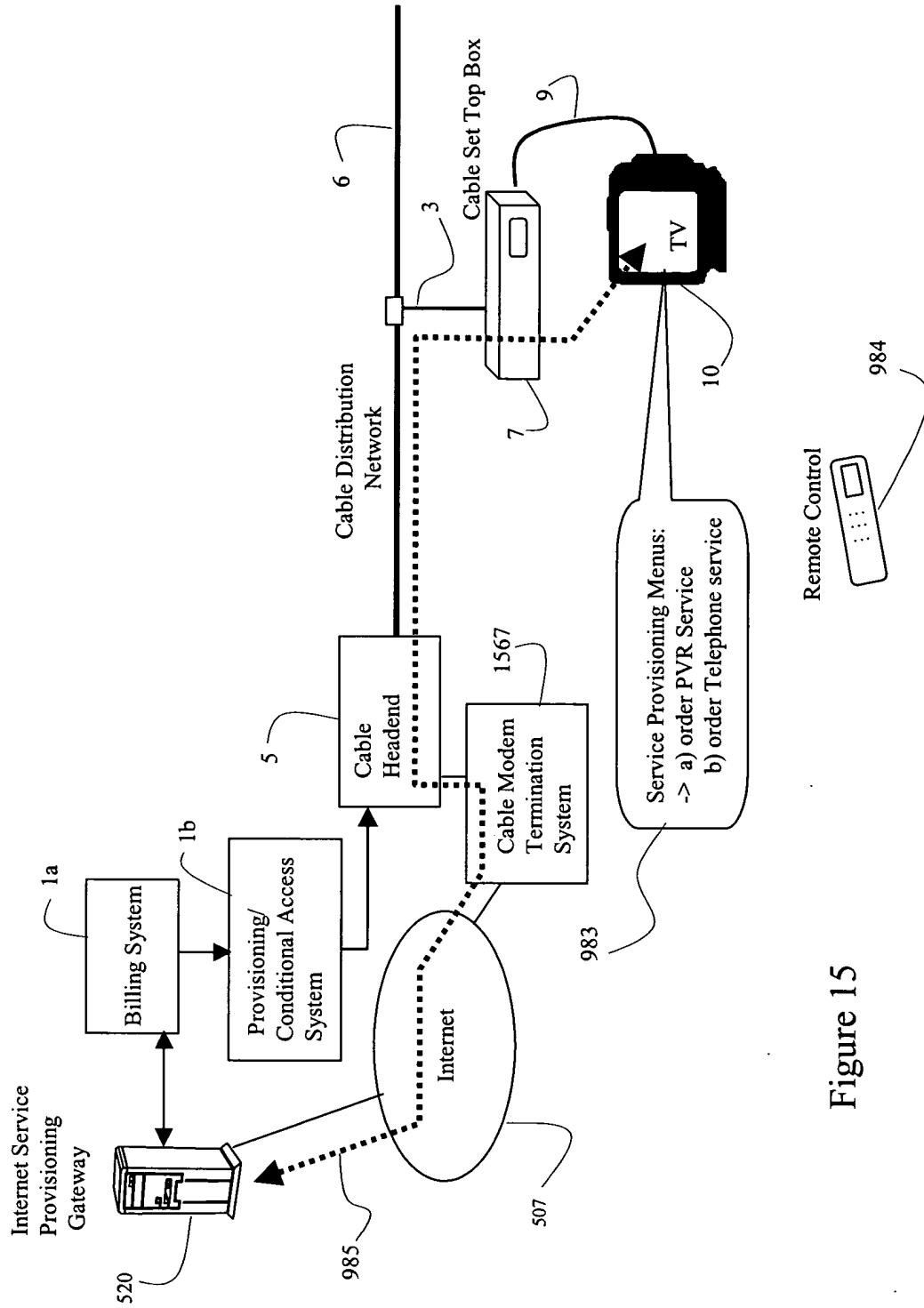


Figure 14

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



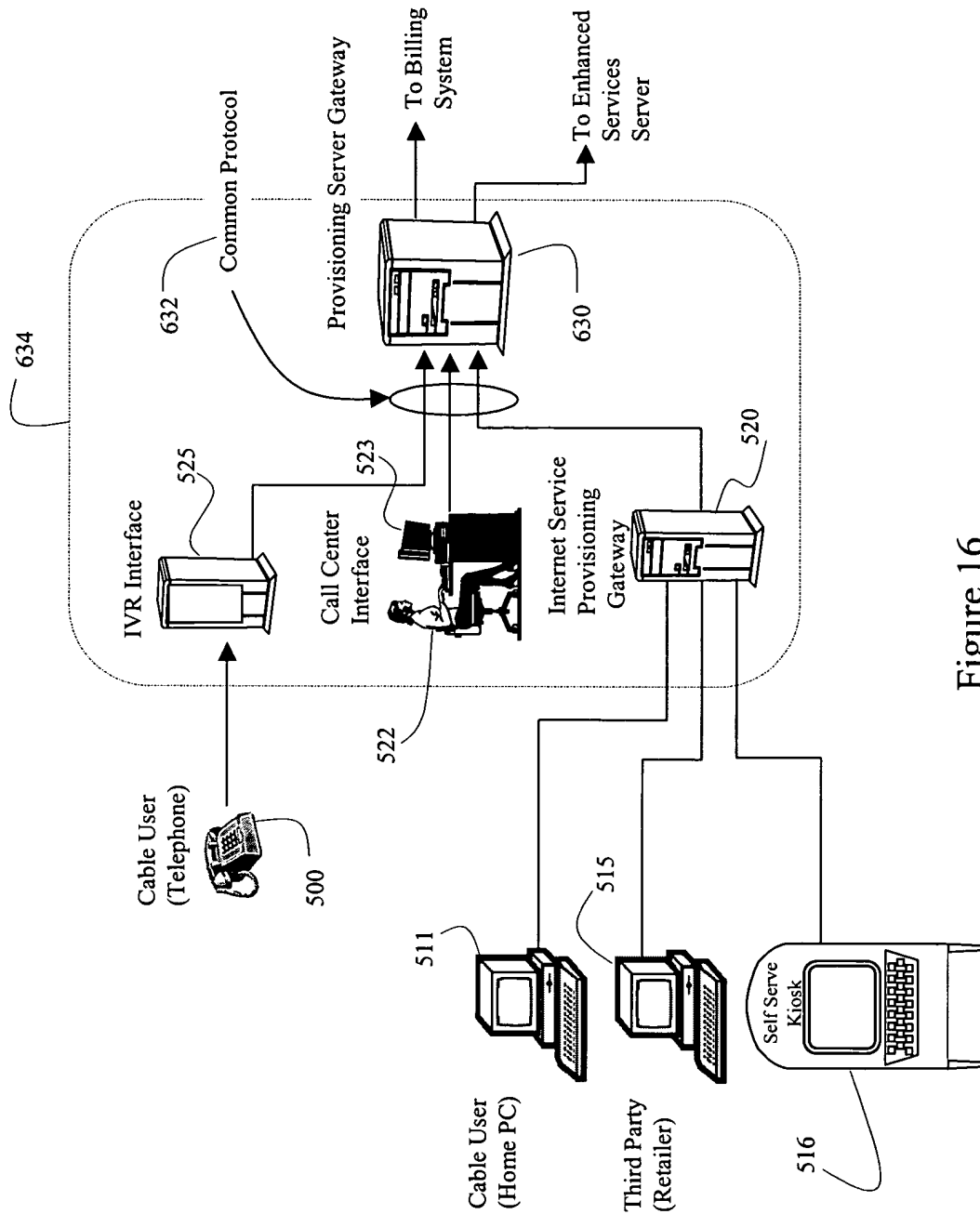
**Figure 15**



**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

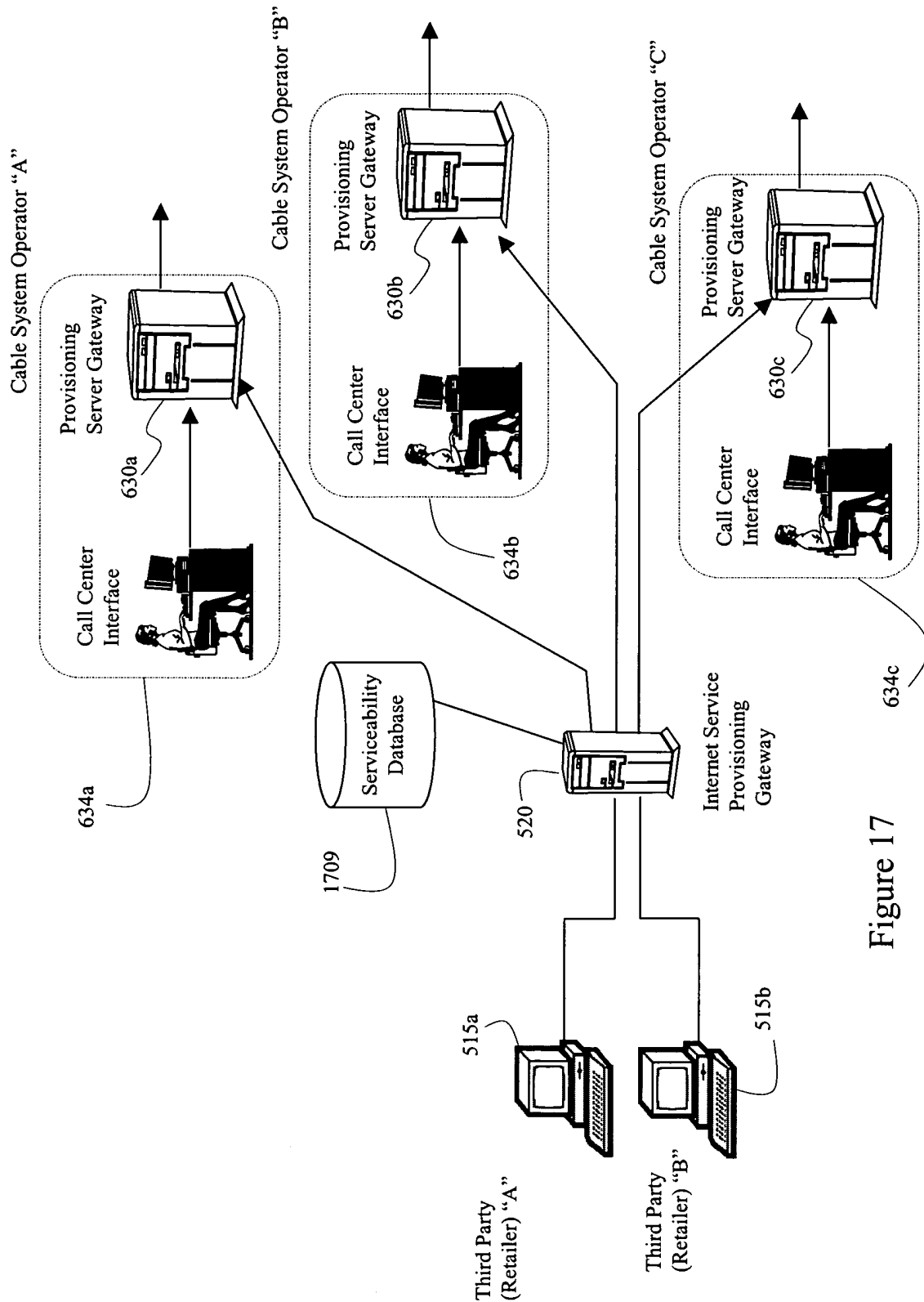


**Figure 16**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 17**

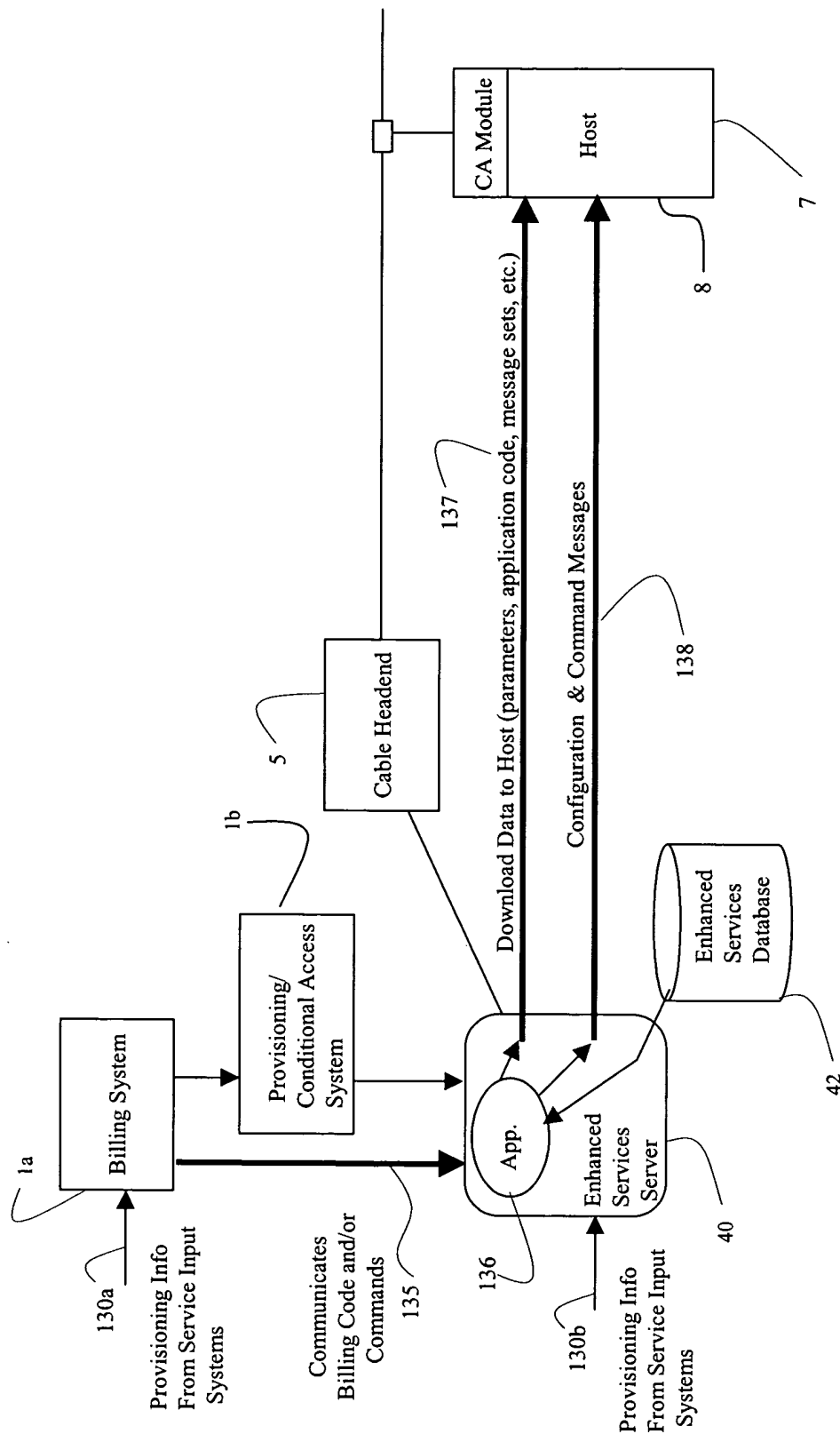
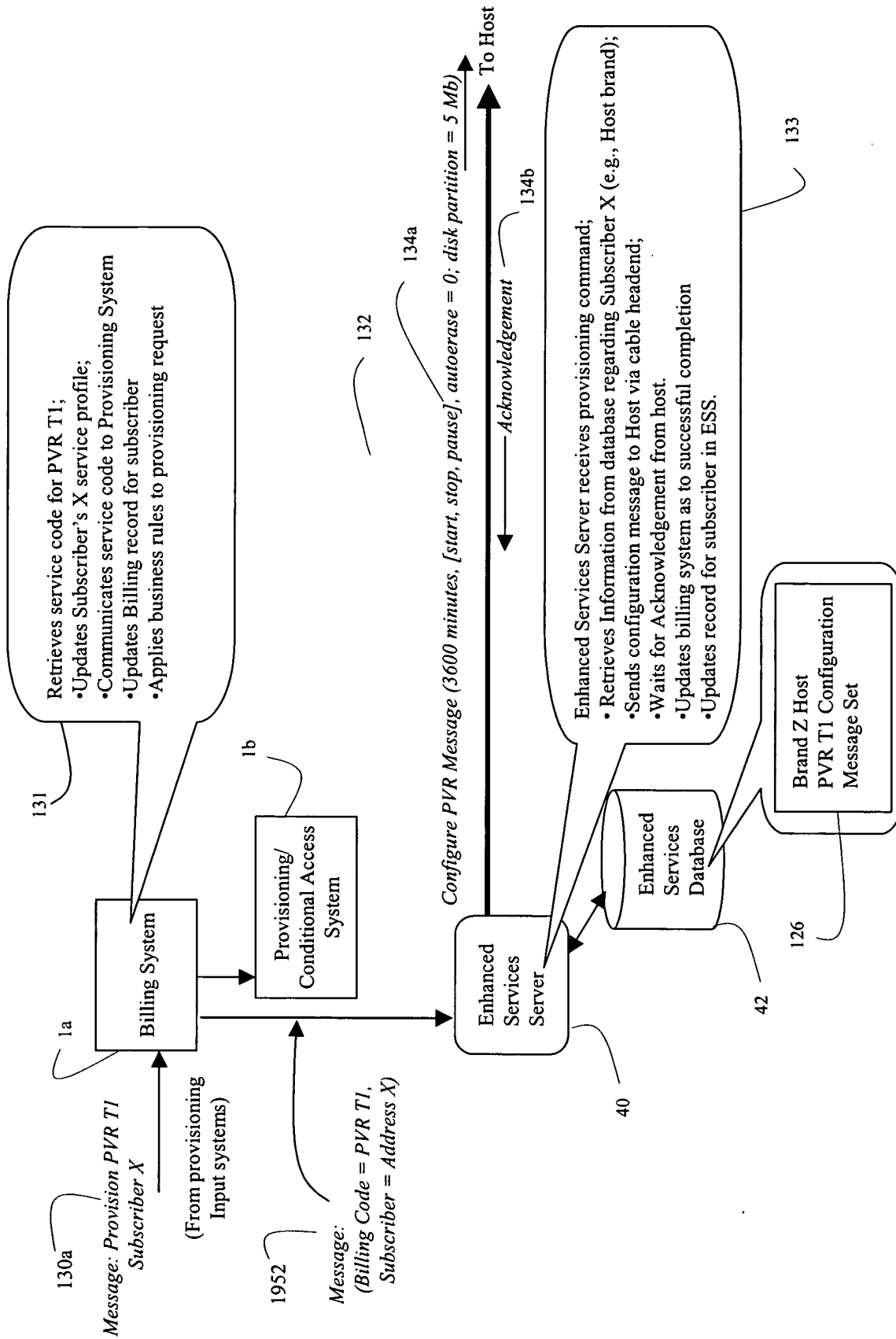


Figure 18

**Title of Invention: Systems And Methods For Distributing Software For A Host Device In A Cable System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 19**

# Title of Invention: Systems And Methods For Distributing Software For A Host Device In A Cable System

Inventor(s) Name: Addington et al.

Attorney Docket Number: 43314/270282

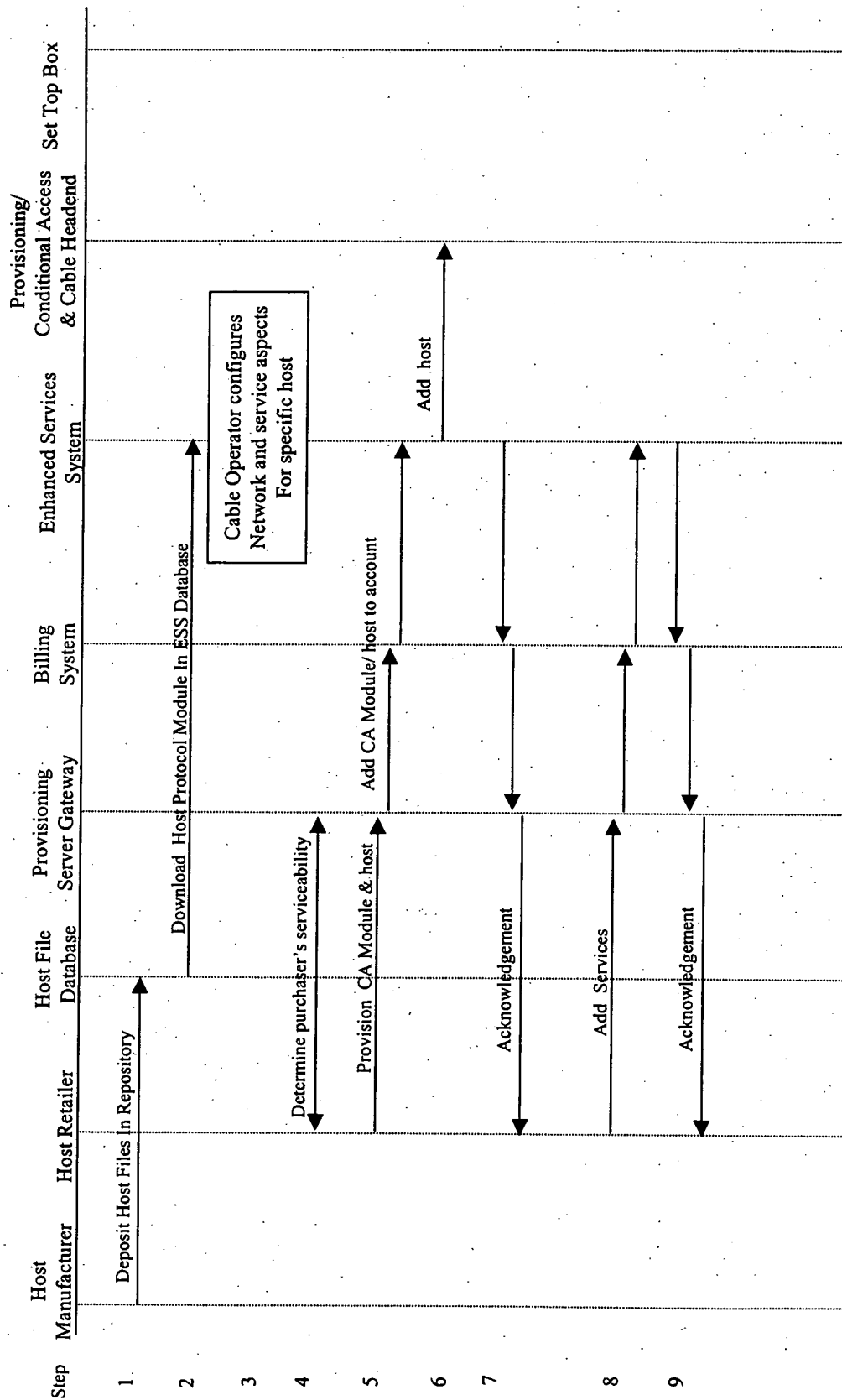


Figure 20a

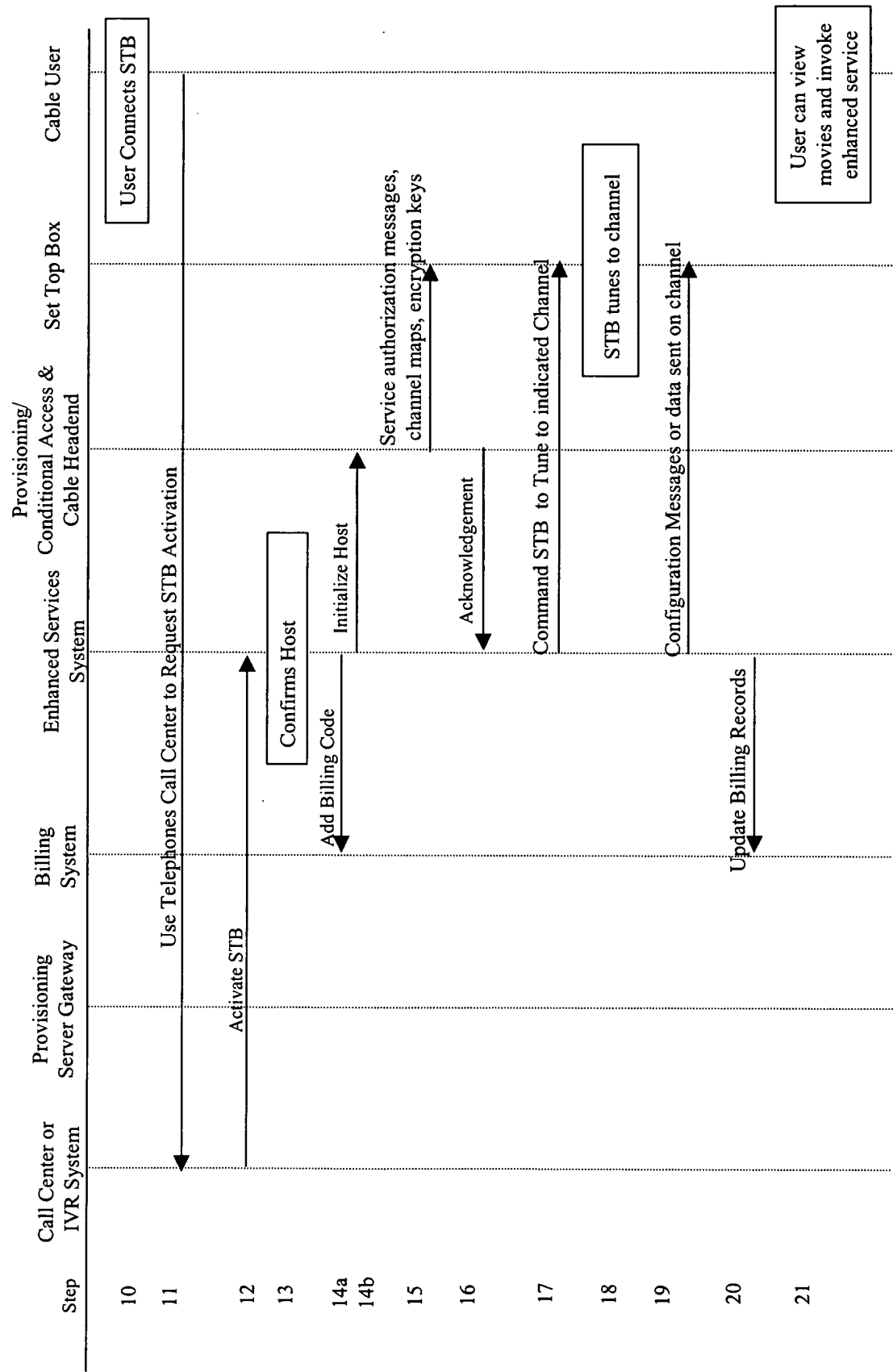
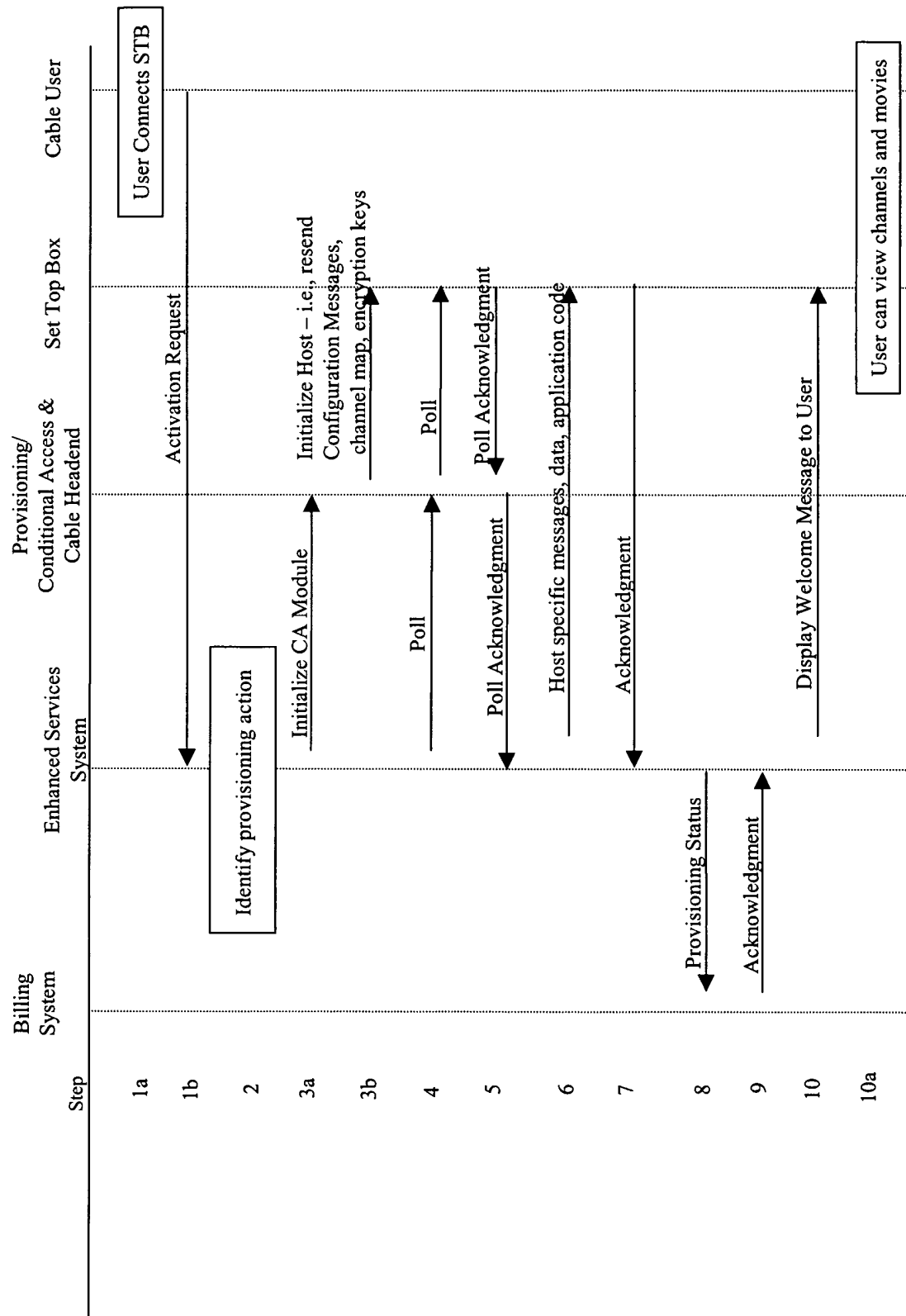


Figure 20b

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 21a**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

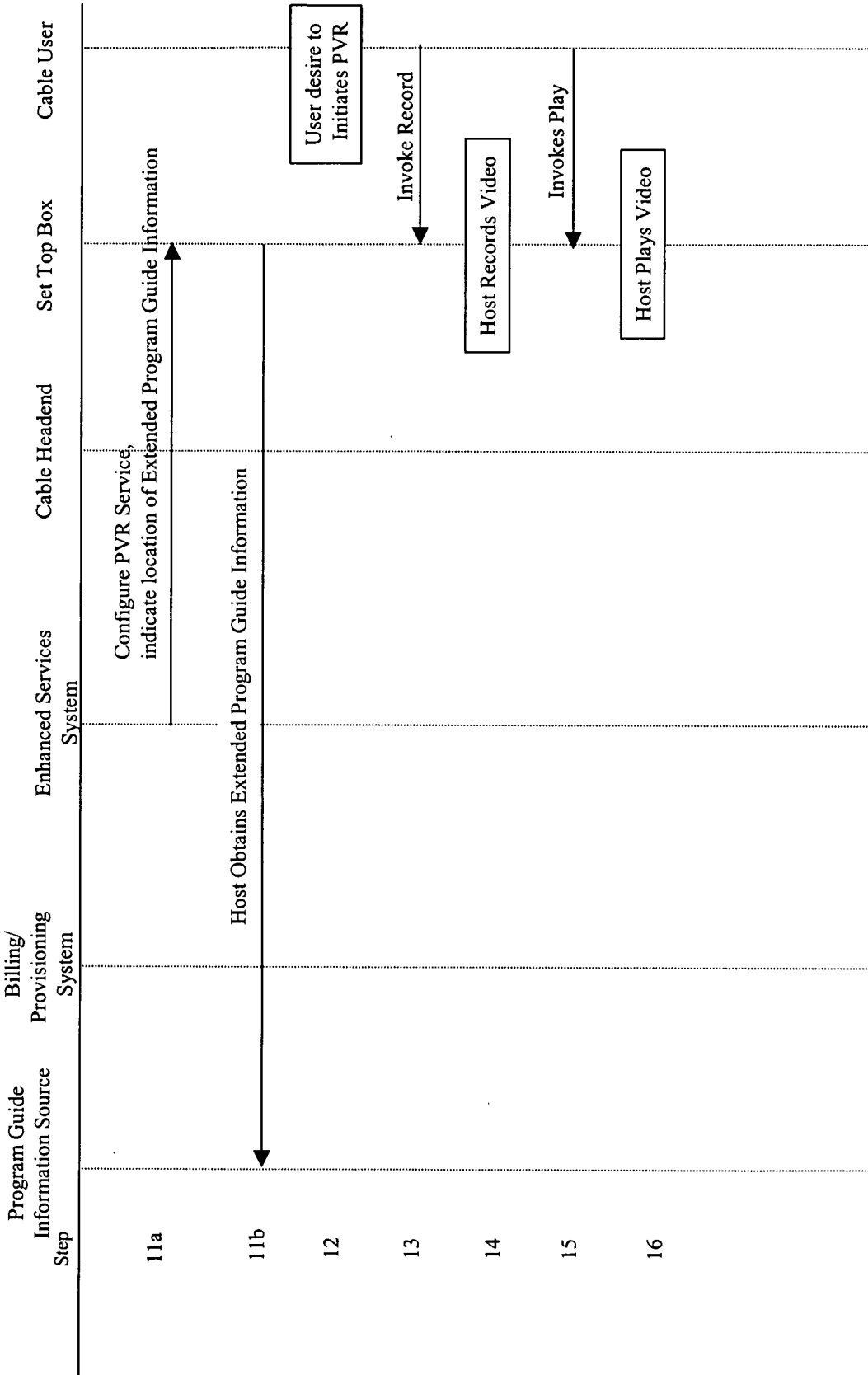


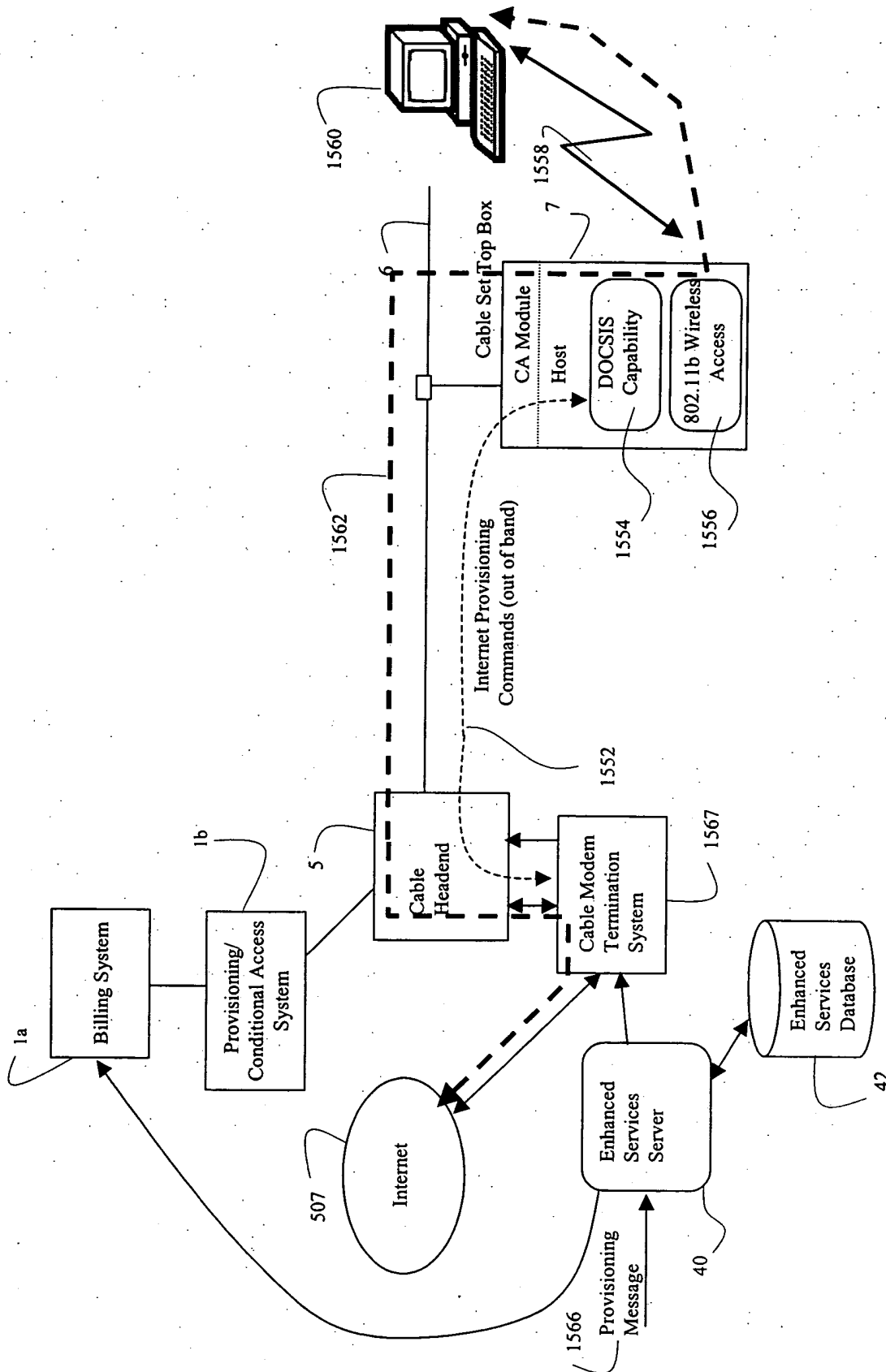
Figure 21b



**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

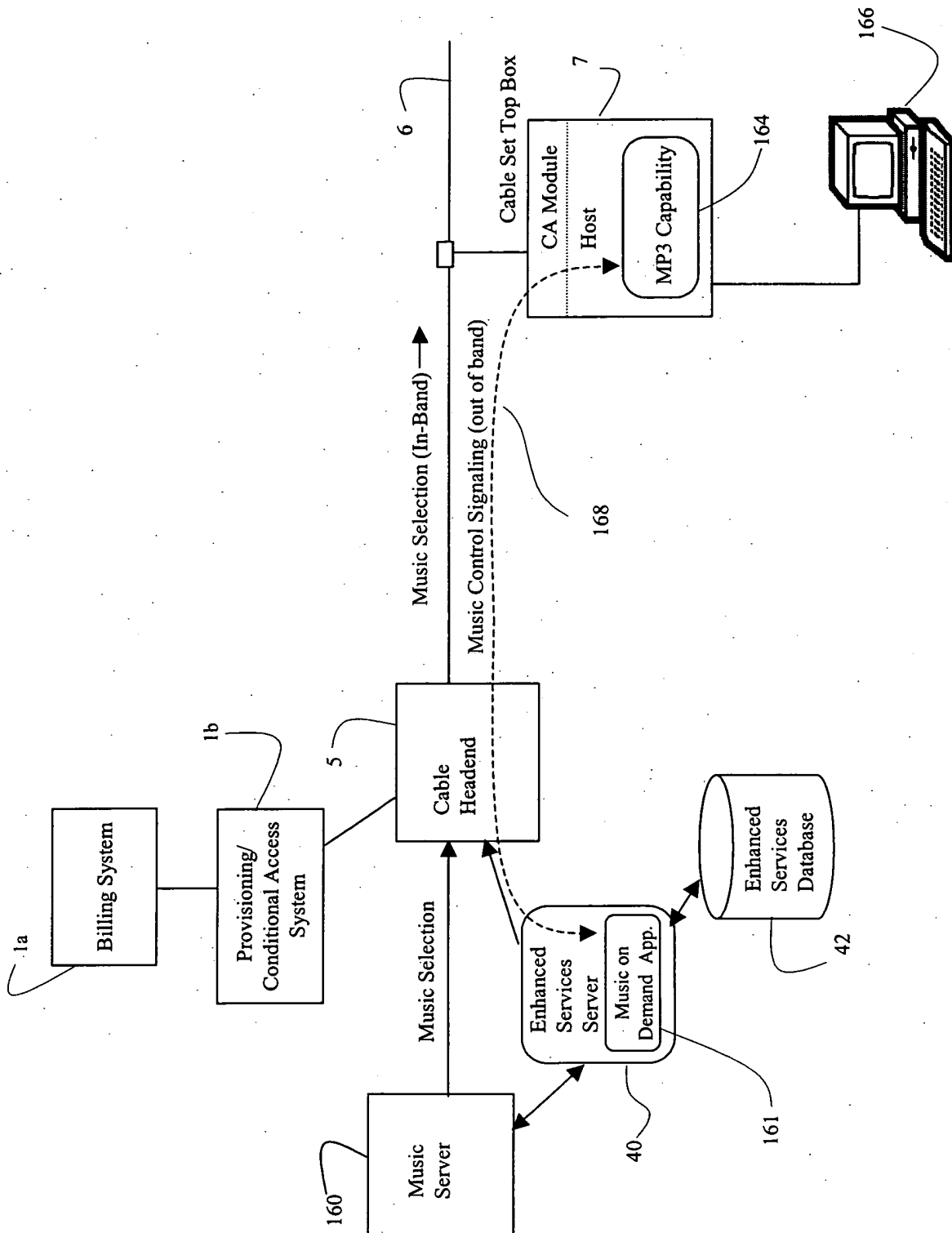


**Figure 22**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 23**

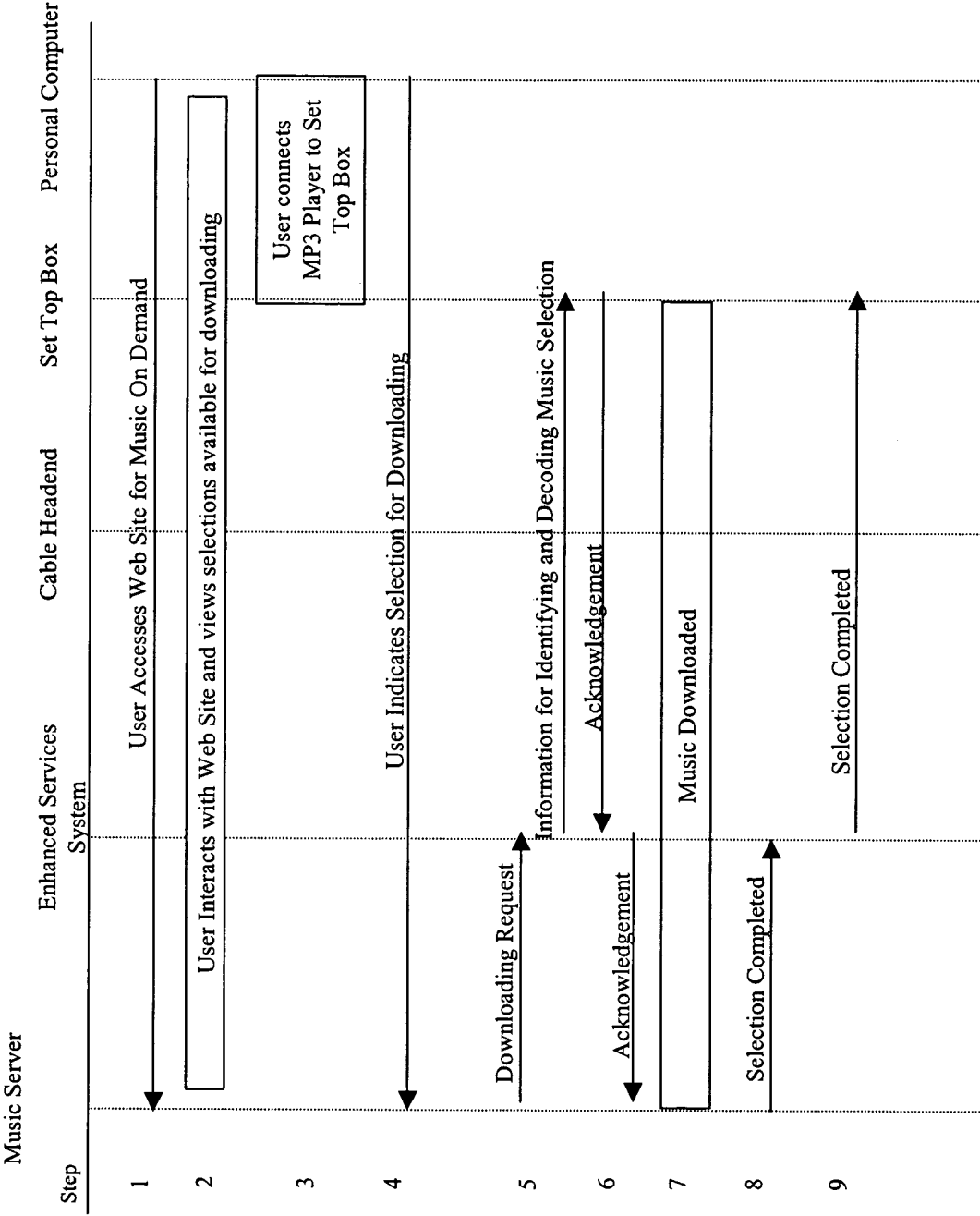
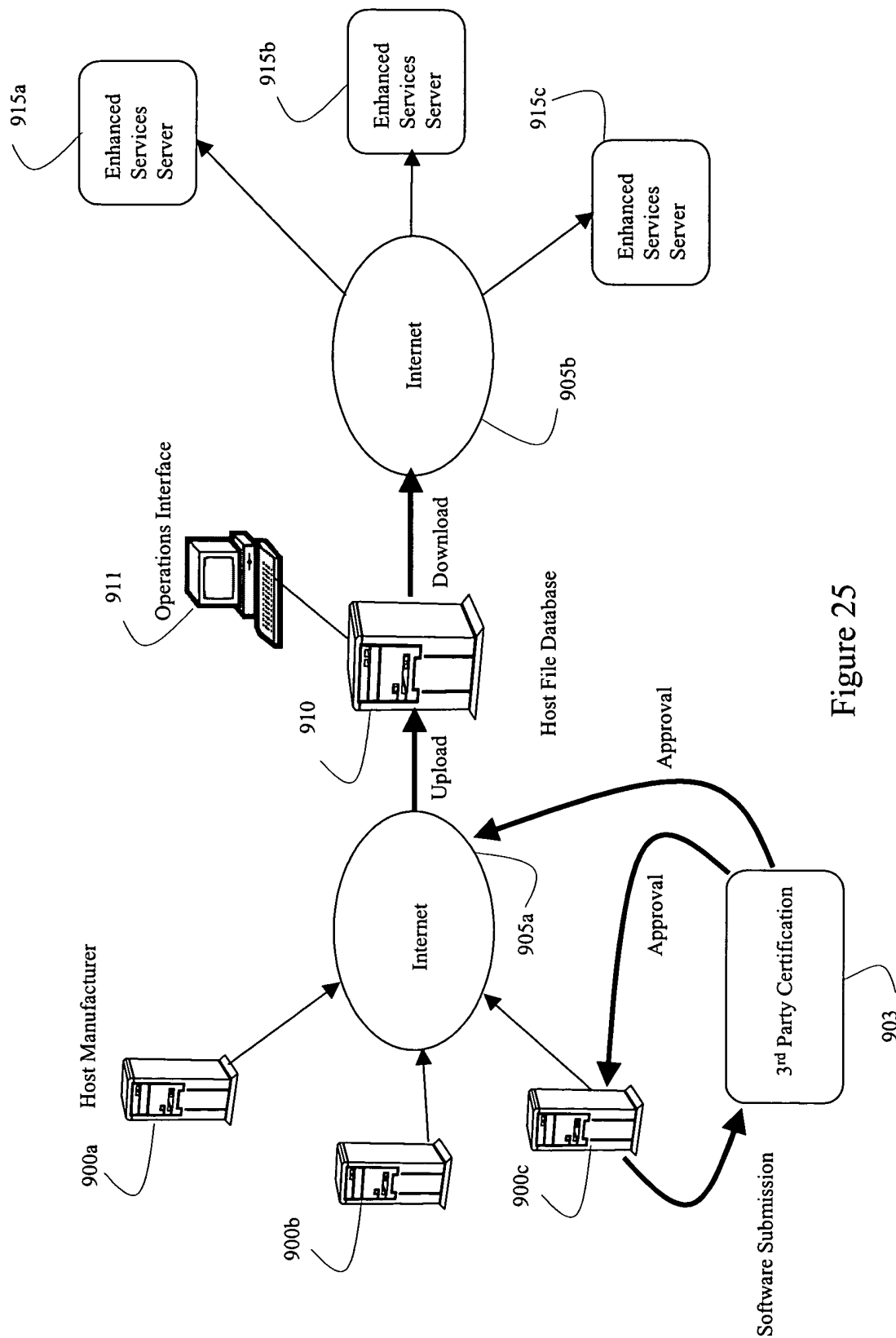


Figure 24

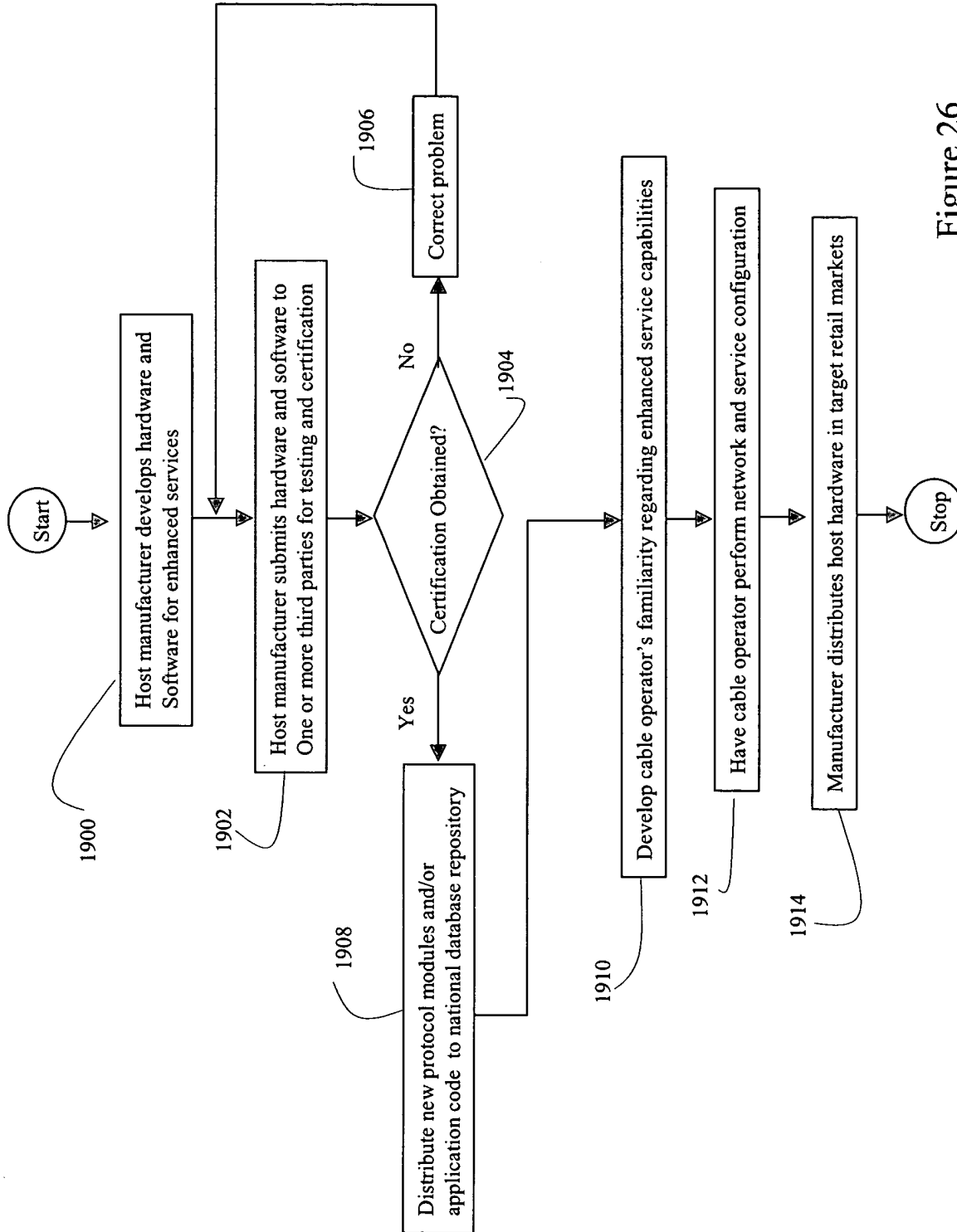


**Figure 25**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**



**Figure 26**

**Title of Invention: Systems And Methods For  
Distributing Software For A Host Device In A Cable  
System**

**Inventor(s) Name: Addington et al.**

**Attorney Docket Number: 43314/270282**

Ref No.	Primary Tag	Function	Secondary Tag	Examples/Parameters
1	Tuner No.	Defines each tuner in Host	Tuner Type	FAT, DOCSIS, OOB
2	Video Display	Indicates presences of embedded display	Format, Resolution	16:9 or 4:3 aspect ratio; 480I, 720P, 720I, 1080I
3	Video Format	Indicates supported formats	Format	16:9, 4:3, ML, MP
4	Software Code Object	Defines type of software object		Boot code, base platform, middleware, manufacturer specific
5	Conditional Access Type	Indicates type of CA schemes supported	Digicipher; Powerkey; Cablecard; Other	
6	IR Receiver	Indicates infra-red remote control codes supported		
7	WiFi	Indicate type of 802.11 wireless access protocols supported	802.11a 802.11b 802.11g	
8	Hard Disk	Defines parameters of Hard Disk	Size	60 GB, 100 GB, etc.

**Figure 27**

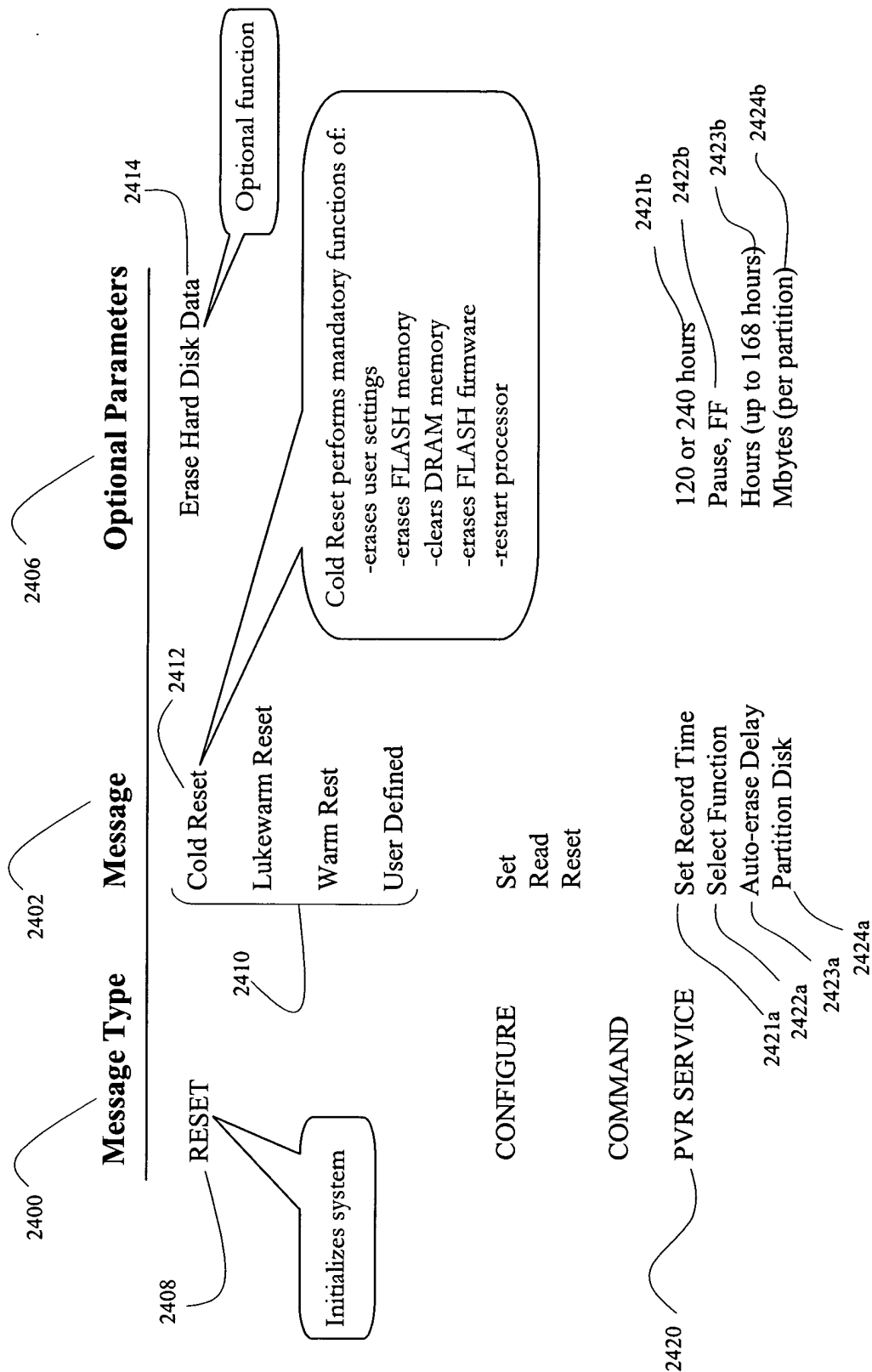


Figure 28